IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tetsujiro Kondo	)
	)
Serial No.: 09/607,205	)
	)
Title: IMAGE CODING AND DECODING	) Examiner: Richard Lee
USING MAPPING COEFFICIENTS	)
CORRESPONDING TO CLASS	) Group Art Unit: 2713
INFORMATION OF PIXEL BLOCK	)
	)
Filing Date: June 29, 2000	)
	)
Case No.: 112857-104	)

Assistant Commissioner for Patents
Washington, DC 20231

AMENDMENT

In the claims:

~~Please cancel claim 142.~~ Claim was amended

Please amend claims 20, 22-24, 66, 68-70, 74, 75, 123, 126, 129, 133, 135, 136, and 138-140 so that the amended claims read as set forth below. Marked up versions of the amended claims including brackets[] around deleted text and underlining of added text may be found in Attachment A..

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20. An apparatus according to claim 17, wherein the mapping coefficients for each class are generated so that a predicted error between predicted data of the image data of the first hierarchy for learning predicted using the image data of the second hierarchy and the image data of the first hierarchy for learning is minimum.

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22. An apparatus according to claim 17, wherein the mapping for each class is generated by the steps of:

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